

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	34	(US-20020077157-\$ or US-20030114156-\$ or US-20020034166-\$ or US-20030125069-\$ or US-20020085517-\$ or US-20020150092-\$ or US-20020089945-\$ or US-20010049281-\$ or US-20010041537-\$).did. or (US-4817089-\$ or US-6115388-\$ or US-5857144-\$ or US-4675863-\$ or US-6064889-\$ or US-5987331-\$ or US-5910947-\$ or US-6081536-\$ or US-5613201-\$ or US-5914958-\$ or US-6333921-\$ or US-6377560-\$ or US-6657971-\$ or US-6564049-\$ or US-6021123-\$ or US-6956840-\$ or US-6233461-\$ or US-5325419-\$ or US-6816735-\$ or US-5926764-\$ or US-5812953-\$ or US-5485505-\$ or US-6058180-\$ or US-6181685-\$ or US-5940515-\$).did.	US-PGPUB; USPAT	OR	ON	2006/06/23 13:31
L2	13842	l1 and msc "mobile switching center"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 13:31
L3	13	l1 and (msc "mobile switching center")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 13:31
L4	28	("5295152"   "5724648"   "5768684"   "5781536").PN. OR ("5914958").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 14:09
L5	201	455/401.ccls. 34/10.31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 15:02
L6	5	l5 and originat\$3 and MSC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 15:05

## EAST Search History

L7	3	I5 and (call near4 (access\$3 set-up "set up")) and msc and "base station" and device	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 15:15
L8	0	I5 and (fast near6 call near4 (access\$3 set-up "set up")) and msc and "base station" and device	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/23 15:15
S1	151850	(455/434,452.1).CCLS. or (("370") or ("564")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/28 09:57
S2	2900	(455/434,452.1,435.1,437,464).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/28 09:58
S3	39	virtual adj calling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:29
S4	21	virtual adj assignment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:24
S5	1140	(bs "base station") and (msc MSC "mobile switching center") and (RNC rnc "radio network center") and (ms ue cell phone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:01
S6	0	S1 and S2 and S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:01
S7	1668	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:01
S8	57	S7 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:02

## EAST Search History

S9	0	S8 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:02
S10	0	S8 and (fast near call near setup)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:03
S11	72	(fast near call near setup)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:03
S12	0	virtual adj calling with base adj station same ("call setup")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:45
S13	44	calling with base adj station same ("call setup")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 11:52
S14	30	("5150361"   "5168575"   "5274837"   "5299199"   "5345474"   "5465391"   "5475689"   "5506837"   "5594948"   "5613201"   "5617412"   "5629940"   "5697058"   "5774806"   "5797100"   "5822694"   "5857144"   "5873023"   "5930723"   "5970417"   "5987331"   "5991635"   "6026296"   "6111867"   "6115613"   "6138011"   "6195415"   "6272334"   "6292670"   "6377560").PN. OR ("6532224").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:05
S15	1	S5 and (set\$3 adj up near call\$3 same fast)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:08
S16	1	S5 and (set\$3 adj up near4 call\$3 same fast)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:08
S17	2	S5 and (set\$3 near4 up near4 call\$3 same fast)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:09
S18	2242	dummy near2 numbers	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:10

## EAST Search History

S19	0	S18 and S1 and S2 and S3 and S5	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:11
S20	2	S18 and S1 and S2	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:12
S21	49	(init\$4 with call with fast)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:18
S22	26	(US-20050201311-\$ or US-20020150092-\$ or US-20030125069-\$ or US-20020077157-\$ or US-20020034166-\$ or US-20020089945-\$ or US-20020085517-\$).did. or (US-6181685-\$ or US-5914958-\$ or US-6058180-\$ or US-6233461-\$ or US-6333921-\$ or US-6657971-\$ or US-6788941-\$ or US-6822973-\$ or US-6738359-\$ or US-6564049-\$ or US-6532224-\$ or US-5987331-\$ or US-5857144-\$ or US-5613201-\$ or US-5910947-\$ or US-6487415-\$). did. or (WO-2004098095-\$).did. or (US-20050078627-\$ or US-20050002370-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:04
S23	7	S22 and (fast same traffic with channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 12:28
S24	2	"5914958".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 12:29
S25	1	S24 and fast	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 12:29
S26	16	("5056109"   "5257283"   "5265119"   "5267262"   "5383219"   "5485486"   "5506837"   "5619493"   "5621723"   "6005848").PN. OR ("6181685").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:31
S27	4	("4672601"   "4821310"   "5881370"   "6466551").PN. OR ("6738359"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:34

## EAST Search History

S28	15	("5003619"   "5621723"   "6005848").PN. OR ("6233461").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:35
S29	4	("4672601"   "4821310"   "5881370"   "6466551").PN. OR ("6738359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:39
S30	6	("20030114156"   "6289227"   "6330234"   "6477608"   "6735454"   "6738617").PN. OR ("6822973").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 12:40
S31	1	S22 and (virtual with connect\$3)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:06
S32	5876	S1 and (virtual with connect\$3)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:06
S33	51	S32 and S5	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:06
S34	4	S32 and S5 and ((fast rapid slow max\$3)same call )	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:09
S35	0	S32 and S5 and ((fast rapid slow max\$3) with call near setup)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:10
S36	0	S32 and S5 and ((fast rapid) with call near setup)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:10
S37	1	S32 and S5 and ((fast soon rapid) with call near setup)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:11
S38	11576	(ms ue cell phone user) and (fast with access) and (bs rnc "base station" "access network")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:14
S39	11576	S38 and ((fast with access) ((fast soon max rapid speed\$3) near3 setup near2 call\$3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:16

## EAST Search History

S40	22	S38 and (((fast soon max rapid speed\$3) near3 setup near2 call\$3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:29
S41	15	fcs and S5	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:31
S43	0	("fast call setup")and S5	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:31
S44	52	("fast call setup")and S1	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 13:59
S45	838	"forward traffic channel"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 14:00
S46	705	S45 and ((revers\$3 backwards second download upload signal) with traffic with channel)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 14:02
S47	121	S46 and "origination message"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:16
S48	4	S47 and S5	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 14:04
S49	4	S46 and (fast near3 call near3 setup)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 14:05
S50	4	S49 not S48	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/28 14:05
S51	11	("5890064"   "6091757"   "6094581"   "6230005"   "6438117"   "6487406"   "6522880").PN. OR ("6708031").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 14:46
S52	3042	spoofing spoof	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 14:47

## EAST Search History

S53	2	S5 and S52	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 14:48
S54	2602	(455/450,452.1,509).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/28 14:49
S55	4983	(455/524,52.5,561,445,414.1,417). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 08:10
S56	194	S54 and S55 and (spoofing spoof dummy traffic channels "zero padding")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 14:52
S57	2	S56 and ("key input")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 14:55
S58	2	"6526034".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 14:56
S59	2	"20040029612".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 15:05
S60	915	zero adj padding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 15:06
S61	0	S5 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 15:06
S62	103	S60 and ((base near station) same ("mobile station" ue ms cell phone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 15:08

## EAST Search History

S63	1	S62 and (("fast call setup" fcs fast) same (access with network))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 15:09
S64	0	("2004/0029612").URPN.	USPAT	OR	ON	2005/10/28 15:14
S65	0	(registration with access) and "zero padding" and (base station) and (cell phone fast mobile ms)	USPAT	OR	ON	2005/10/28 15:17
S66	0	(registration with access) and "zero padding"	USPAT	OR	ON	2005/10/28 15:17
S67	3292	(registration with access)	USPAT	OR	ON	2005/10/28 15:17
S68	2338	S67 and (mobile cell phone ue ms)	USPAT	OR	ON	2005/10/28 15:21
S69	7	S18 and S68	USPAT	OR	ON	2005/10/28 15:18
S70	1491	S67 and (mobile cell)	USPAT	OR	ON	2005/10/28 15:21
S71	1376	S70 and ("base station" connection "fast")	USPAT	OR	ON	2005/10/28 15:22
S72	210	S71 and ("acknowledgement")	USPAT	OR	ON	2005/10/28 15:22
S73	360	S71 and ("origination")	USPAT	OR	ON	2005/10/28 15:23
S74	85	S72 and ("origination")	USPAT	OR	ON	2005/10/28 15:23
S75	11	("5422909"   "5594946"   "5822699"   "5901354"   "5913167"   "5920549"   "5920550"   "5956641"   "5987012"   "6021123"   "6785249").PN. OR ("6950417"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/28 15:28
S76	1089	corsaro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 16:04
S77	30133	nick	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 16:04
S78	474	S77 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 16:05
S79	3	(spoofing spoof) and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/28 16:05



## EAST Search History

S80	3042	spoofing spoof	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 08:11
S81	2602	(455/450,452.1,509).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 08:11
S82	11	S81 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 08:21
S83	36	("4675863"   "4817089"   "4912705"   "4949395"   "5022024"   "5027400"   "5114375"   "5226044"   "5282222"   "5325419"   "5355374"   "5412429"   "5471463"   "5585850"   "5592470"   "5592471"   "5617423"   "5655001"   "5657358"   "5687194"   "5697059"   "5793744"   "5872786"   "5881060"   "5896376"   "5956332"   "5966374"   "6002690"   "6011800"   "6081536"   "6310859").PN. OR ("6526281"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 08:14
S84	1141	(bs "base station") and (msc MSC "mobile switching center") and (RNC rnc "radio network center") and (ms ue cell phone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 08:32
S85	15	(fcs "fast call setup")and S84	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/10/31 08:32
S86	13	("4270210"   "4535443"   "4710944"   "4718057"   "4745622"   "4763331"   "4969162"   "5493695"   "5561686"   "5625642"   "5844951"   "5960039"   "6031866").PN. OR ("6741643"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 08:39
S87	1090	corsaro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 08:39

## EAST Search History

S88	30137	nick	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 08:39
S89	474	S88 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 08:39
S90	89	S89 and (spoofing spoof "fast call setup" fcs "call setup" )	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 08:40
S91	63	("4675863"   "4817089"   "4912705"   "5022024"   "5114375"   "5282222"   "5325419"   "5355374"   "5412429"   "5471463"   "5585850"   "5592470"   "5592471"   "5617423"   "5655001"   "5657358"   "5687194"   "5697059"   "5793744"   "5881060"   "5893376"   "5956332"   "5966374"   "6002690"   "6011800").PN. OR ("6081536").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 08:49
S92	45	("3626112"   "3627932"   "4242538"   "4256926"   "4599490"   "4675863"   "4777633"   "4817089"   "4827499"   "4878240"   "4970723"   "5081641"   "5249181"   "5278890").PN. OR ("5655001").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 09:15
S93	1	"6115388".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 09:43
S94	1	"6526034".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 09:43
S95	1	"20040029612".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 09:47
S96	15	("5020092"   "5020093"   "5228074"   "5406643"   "5504803"   "5657317"   "5696903"   "5796727"   "5815811"   "5842122"   "5845211"   "6084866"   "6236642").PN. OR ("6526034").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 09:44
S97	65	fast adj call adj setup	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 09:49

## EAST Search History

S98	18780	pbx	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 13:41
S99	3360	"random access channel" rach	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 13:41
S10 0	37	S99 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 13:46
S10 4	28	(US-20020034166-\$ or US-20020077157-\$ or US-20020085517-\$ or US-20020089945-\$ or US-20020150092-\$ or US-20030114156-\$ or US-20030125069-\$).did. or (US-4675863-\$ or US-4817089-\$ or US-5325419-\$ or US-5613201-\$ or US-5857144-\$ or US-5910947-\$ or US-5914958-\$ or US-5987331-\$ or US-6021123-\$ or US-6058180-\$ or US-6064889-\$ or US-6081536-\$ or US-6115388-\$ or US-6181685-\$ or US-6233461-\$ or US-6333921-\$ or US-6377560-\$ or US-6564049-\$ or US-6657971-\$ or US-6741643-\$ or US-6956840-\$).did.	US-PGPUB; USPAT	OR	ON	2005/11/03 12:00
S10 5	8	S104 and (publication zero padding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:03
S10 6	2	S104 and (publication "zero padding")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:04
S10 7	920	"zero padding"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:05

## EAST Search History

S10 8	104321	("455").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/03 12:06
S10 9	46	S107 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:06
S11 0	43	S109 and (pbx "base station" bs msc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:07
S11 1	21	S110 and (rnc origi\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:10
S11 2	45	S109 and (origi\$3 dummy number)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:13
S11 3	46	S109 and (origi\$3 dummy number MSC BS MS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:12
S11 4	46	S109 and (origi\$3 dummy number MSC BS MS SID)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:13
S11 5	35	S109 and ("base station" origi\$4 "originate message")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:40
S11 6	16866	S108 and (origi\$4 "originate message")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:41
S11 7	21	S116 and S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:45

## EAST Search History

S11 8	0	S116 and S107 and ("dummy number")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:43
S11 9	4	S117 and (publication "dummy numbers")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:44
S12 0	5660	("dummy phone number" (dum\$3 near3 number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:53
S12 1	80	S120 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:47
S12 2	75	S121 and (mobile cell MSC BS RNC phone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:47
S12 3	4	("dummy phone number" (dum\$3 near3 number near3 "all zero"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:54
S12 4	2	S123 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:54
S12 5	4	("dummy phone number" ("dummy number all zero"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:56
S12 6	0	("dummy phone number" near8 zero)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:56
S12 7	0	("dummy phone number" same zero)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:56

## EAST Search History

S12 8	0	("dummy phone number" with zero)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:56
S12 9	89	S108 and ("dummy" same zero)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:57
S13 0	0	S129 and S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 12:57
S13 1	23	S129 and (phones)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:05
S13 2	4	("4752967"   "5625875"   "5898928"   "6434130").PN. OR ("6826410"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/03 12:59
S13 3	2	S132 and (publication dummy phone zero)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/03 12:59
S13 4	20	"all zeros"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:06
S13 5	0	S134 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:06
S13 6	1545681	inbound setup call zeros	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:18
S13 7	43094	S136 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:19

## EAST Search History

S13 8	32001	S137 and (mobile station MSC "BASE STATION")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:19
S13 9	2232	S138 and ("call setup")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:20
S14 0	2004	S139 and (origin\$3 message)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:20
S14 1	1	S140 and ("dummy phone number")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:21
S14 2	1317	S140 and (dial input zeros)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:22
S14 3	1038	S142 and ("0's" zero originate origination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:23
S14 4	892	S143 and (cell phone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:24
S14 5	179	S143 and (pbx)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:24
S14 6	553	S143 and (msc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:24
S14 7	105	S145 and (msc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:24

## EAST Search History

S14 8	84	S147 and (origi\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:29
S14 9	38	S148 and (publication zeros)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:40
S15 0	29	(US-20020034166-\$ or US-20020077157-\$ or US-20020085517-\$ or US-20020089945-\$ or US-20020150092-\$ or US-20030114156-\$ or US-20030125069-\$ or US-20010049281-\$ or US-20010041537-\$).did. or (US-4675863-\$ or US-4817089-\$ or US-5325419-\$ or US-5613201-\$ or US-5857144-\$ or US-5910947-\$ or US-5914958-\$ or US-5987331-\$ or US-6021123-\$ or US-6058180-\$ or US-6064889-\$ or US-6081536-\$ or US-6115388-\$ or US-6181685-\$ or US-6233461-\$ or US-6333921-\$ or US-6377560-\$ or US-6564049-\$ or US-6657971-\$ or US-6956840-\$). did.	US-PGPUB; USPAT	OR	ON	2005/11/03 13:56
S15 1	9	S150 and (publication "zeros")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 13:57
S15 2	24968743	S108 @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 14:17
S15 3	32983496	S108 @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 14:17
S15 4	43	S153 and S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 14:19



## EAST Search History

S15 5	0	l76@py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 14:24
S15 6	31248875	S154 @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 14:20
S15 7	0	l17@py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 14:21
S15 8	0	l17@py<"2003".py.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/03 14:22
S15 9	965	"origination message"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:16
S16 0	276	S159 and ("zero padding" zero\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:17
S16 1	0	S160 and (key with input with dummy with phone)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:17
S16 2	8	S160 and (key with input)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:21
S16 3	0	((("origination message" "call initiation" "call setup") near4 (zero\$1 "0") near3 dummy)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:23
S16 4	40	((("origination message" "call initiation" "call setup") near4 (zero\$1 "0"))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:23
S16 5	40	S164 not S162	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:32

## EAST Search History

S16 6	965	S159	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:33
S16 7	0	S159 with "all zeros"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:33
S16 8	0	(origination near3 message near4 all near5 zero\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:34
S16 9	0	(origina\$3 near3 (mess\$3 "call setup" initiation) near4 all near5 zero\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:35
S17 0	13641	((origina\$3 near3 mess\$3) or (("call setup" initiation) near4 all near5 zero\$1))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:36
S17 1	86	"dummy number"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:36
S17 2	0	S171 with zeros	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:36
S17 3	0	S171 with "call setup"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:54
S17 4	1909469	(call near setup) message origina\$3 zero padding	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 07:55
S17 5	104321	("455").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 07:56
S17 6	38515	S175 and S174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/07 07:56

## EAST Search History

S17 7	21399	S176 and ("0" zero padding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/07 07:57
S17 8	13	S177 and (origina\$3 with message with "phone number")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/07 08:03
S17 9	6202	("originate message" or "origination message" or "call setup" or "call initiation") and (zero or "zero's" or zeros or "0")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/07 08:06
S18 1	86	"dummy number"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/07 10:37
S18 2	104321	("455").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/07 10:49
S18 3	89	S182 and ("dummy" same zero)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/07 10:53
S18 4	7	calling near number near3 zeros	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/07 10:54